

## WHAT IS CLAIMED IS:

1. A system for providing document change information to at least one user and for saving a changed document, comprising:

document representation storage, for storing representations of saved  
5 changed documents;

a document registration element for enabling a user to identify documents for which they would like to be notified of changes;

a document change monitoring element coupled to said document registration element, said document change monitoring element for detecting  
10 a change to said document; and

a user notification element coupled to said document change monitoring element, said user notification element for notifying users of said change,

wherein the system further comprises

a user evaluation interface for enabling a user to indicate the  
15 significance of said notified change, and wherein said system is arranged to store a copy of said changed document in said document representation storage as a function of said user's indication of significance.

2. The system as recited in claim 1, wherein said system is arranged to  
20 store a copy of said changed document in said document representation storage as a function of a plurality of users' indications of significance of said notified change.

3. The system as recited in claim 2, wherein said changed document is  
25 stored as a function of the maximum indication provided by said plurality of users' indications.

4. The system as recited in claim 2, wherein said changed document is stored as a function of the weighted sum of the indication provided by said plurality of users.

5. The system as recited in claim 4, wherein said changed document is  
30 stored when said weighted sum exceeds a predetermined threshold value.

6. The system as recited in claim 2, wherein said system uses collaborative filtering techniques for deciding to store said changed document.

7. The system as recited in claim 1, wherein said document representation storage stores a complete version of said changed document.

5        8. The system as recited in claim 1, wherein said user evaluation interface provides a plurality of predetermined values for indicating said significance.

10       9. The system as recited in claim 1, wherein said indication of significance is used to construct a revision history listing of the changed documents stored in said document representation storage, said system further comprising user informing means for making said listing available to a user.

15       10. The system as recited in claim 2, wherein said indications of significance are used to construct a revision history listing of the changed documents stored in said document representation storage, said system further comprising user informing means for making said listing available to said plurality of users.

20       11. A method for storing in a system a changed document in network-accessible documents, accessible to users of the system, the system including

          a network for accessing a set of network-accessible documents;  
          and

25       user notification data indicating, for each of a subset of the network-accessible documents, one or more users to be notified when a change in the network-accessible document is detected;

the method comprising:

          (a) using the network to automatically attempt to access one of the network-accessible documents in the subset and to detect whether the accessed document has changed or not;

(b) automatically notifying users indicated for the network-accessible document by the user notification data that the network-accessible document is changed;

5 (c) receiving an evaluation of the changed network-accessible document from each notified user, each user providing an evaluation value selectable from a plurality of predetermined values; and

(d) in response to the received evaluation, deciding whether said changed document should be stored in said system.

10 12. The method as recited in claim 11, wherein the decision to store said changed document is based on a plurality of users' evaluations.

13. The method as recited in claim 12, wherein the decision to store said changed document is based on the maximum value amongst said users' evaluations.

15 14. The method as recited in claim 12, wherein the decision to store said changed document is based on a weighted sum of the users' evaluations.

15. The method as recited in claim 14, wherein said changed document is stored when said weighted sum exceeds a predetermined threshold value.

20 16. The method as recited in claim 11, wherein said users' evaluations are used to construct a revision history listing of the changed documents stored in said system, said method further displaying said listing to each user.

17. The method as recited in claim 11, further receiving users' comments relating to said user evaluations.

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